

IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

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BS

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Examiner:

Serial No.: 09/843,603 Art Unit: 1714

Filed: APRIL 26, 2001

Title: MODIFIED SILANE TREATED PIGMENTS OR FILLERS AND
COMPOSITIONS CONTAINING THE SAME

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INFORMATION DISCLOSURE

STATEMENT

Asst. Commissioner for Patents
Washington, DC 20231

Sir:

In reference to the above-identified patent application and pursuant to Applicant's duty of disclosure, Applicants enclose copies of the following documents.

I. United States Patents:

United States Patent No. 3,689,300 entitled "Coupling Agent Formulations" by Bunger et al., issued September 5, 1972;

United States Patent No. 4,061,503 entitled "Silane Treatment of Titanium Dioxide Pigment" by Berger et al., issued December 6, 1977;

United States Patent No. 4,151,154 entitled "Silicon Treated Surfaces" by Berger, issued April 24, 1979;

United States Patent No. 4,740,538 entitled "Coated Minerals for Filling Plastics" by Sekutowski, issued April 26, 1988;

United States Patent No. 4,810,305 entitled "Hydrophobic Pigments and Fillers for

Incorporation in Synthetic Resins" by Braun et al., issued March 7, 1989;

United States Patent No. 5,411,761 entitled "Process of Producing Hydrophobic Titanium Oxide Fine Particle" by Inokuchi et al., issued May 2, 1995;

United States Patent No. 5,552,458 entitled "Passification of Optically Variable Pigment and Waterborne Coating Compositions Containing the Same" by Hall et al., issued September 3, 1996.

United States Patent No. 5,607,994 entitled "Processibility and Lacing Resistance when Silanized Pigments are Incorporated in Polymers" by Tooley et al., issued March 4, 1997;

United States Patent No. 5,631,310 entitled "Processibility and Lacing Resistance when Silanized Pigments are Incorporated in Polymers" by Tooley et al., issued May 20, 1997.

II. Foreign Patent Documents:

European Patent Application No. EP 0 870 731 A1 , by Tunashima et al., entitled "Titanium Dioxide Reduced in Volatile Water Content, Process for Producing the Same and Masterbatch Containing the Same" published October 14, 1998;

European Patent Application No. 0 265 223 A1, by Prescott et al., entitled "Surface Modified Pigments and Methods for Producing Same and Elastomers Containing Same" published April 27 1988.

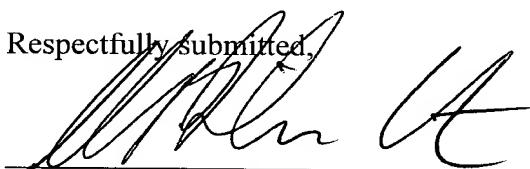
The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This statement is filed before the mailing of a first office action. Therefore, no fee is due in accordance with 37 C.F.R. § 1.97(b)(4). However, the U.S. Patent and Trademark Office is authorized to charge any fee deficiency, or credit any overpayment to our Deposit Account No. 23-2656. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: October 31, 2012

Respectfully submitted,


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